## Amendments to the Claims

The listing of claims below will replace all prior versions and listings of claims in the present application.

## Claim Listing

1	25. (Currently Amended) A method comprising:
2	identifying a set of systems of a plurality of systems, wherein
3	each system in the set of systems meets a requirement for hosting a first
4	application of a plurality of applications, and
5	the plurality of systems form at least one cluster; and
6	when the set of systems is empty,
7	using a respective priority for each of the applications for identifying a resource to
8	free, wherein
9	the resource is one of a plurality of resources, and
10	each resource is associated with at least one of the plurality of systems.
1	26. (Currently Amended) The method of claim 25 wherein
2	the identifying the resource further comprises
3	using a respective capacity for each of the plurality of systems for identifying the
4	resource.
1	27. (Currently Amended) The method of claim 25 further comprising:
2	freeing the resource such that an associated system of the plurality of systems
3	meets the requirement for hosting the first application.
1	28. (Previously Presented) The method of claim 27 further comprising:
2	starting the first application on the associated system.

- 2 - Serial No.: 10/609,363

1	29. (Previously Presented) The method of claim 27 wherein
2	the freeing the resource comprises stopping a second application that is using the
3	resource, wherein the second application has a lower respective priority
4	than a respective priority of the first application.
1	30. (Currently Amended) The method of claim 27 wherein
2	the freeing the resource comprises moving a second application that is using the
3	resource to a second system of the plurality of systems, wherein
4	the second application has a lower respective priority than a respective priority of
5	the first application.
1	31. (Previously Presented) The method of claim 25 further comprising:
2	determining that the first application is to be started.
1	32. (Previously Presented) The method of claim 31 wherein
2	the determining that the first application is to be started comprises
3	detecting that the first application failed.
1	33. (Currently Amended) The method of claim 31 wherein
2	the determining that the first application is to be started comprises
3	comparing a respective priority of the first application with each of a set of
4	respective priorities for a set of the applications running on the plurality of
5	systems, and
5	determining that the first application is to be started when the respective priority
7	of the first application is higher than one of the set of respective priorities
8	for the set of applications running on the <u>plurality of</u> systems.
1	34. (Previously Presented) The method of claim 25 wherein
2	the identifying the set of systems comprises
3	including a selected system in the set of systems when the selected system meets a
4	prerequisite for the first application.

- 3 - Serial No.: 10/609,363

1	35. (Previously Presented) The method of claim 25 wherein
2	the identifying the set of systems comprises
3	including a selected system in the set of systems when the first application does
4	not exceed a limit for the selected system.
1	36. (Currently Amended) An apparatus comprising:
2	an identifying module to identify a set of systems of a plurality of systems,
3	wherein
4	each system in the set of systems meets a requirement for hosting a first
5	application of a plurality of applications, and
6	the plurality of systems form at least one cluster; and
7	a priority module to use a respective priority for each of the applications for
8	identifying a resource to free when the set of systems is empty, wherein
9	the resource is one of a plurality of resources, and
10	each resource is associated with at least one of the <u>plurality of</u> systems.
1	37. (Currently Amended) The apparatus of claim 36 wherein
2	the priority module further uses a respective capacity for each of the plurality of
3	systems for identifying the resource.
1	38. (Currently Amended) The apparatus of claim 36 further comprising:
2	a freeing module to free the resource such that an associated system of the
3	plurality of systems meets the requirement for hosting the first application.
1	39. (Previously Presented) The apparatus of claim 38 further comprising:
2	a starting module to start the first application on the associated system.
1	40. (Previously Presented) The apparatus of claim 38 wherein
2	the freeing module comprises a stopping module to stop a second application that
3	is using the resource, wherein

- 4 - Serial No.: 10/609,363

4	the second application has a lower respective priority than a respective priority of
5	the first application.
1	41. (Currently Amended) The apparatus of claim 38 wherein
2	the freeing module comprises
3	a moving module to move a second application that is using the resource to a
4	second system of the plurality of systems, wherein
5	the second application has a lower respective priority than a respective priority of
6	the first application.
1	42. (Previously Presented) The apparatus of claim 36 further comprising:
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2	a determining module to determine that the first application is to be started.
1	43. (Previously Presented) The apparatus of claim 42 wherein
2	the determining module comprises
3	a detecting module to detect that the first application failed.
1	44. (Currently Amended) The apparatus of claim 42 wherein
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2	the determining module comprises
3	a comparing module to compare a respective priority of the first application with
4	each of a set of respective priorities for a set of the applications running on
5	the <u>plurality of</u> systems, wherein
6	the determining module determines that the first application is to be started when
7	the respective priority of the first application is higher than one of the set
8	of respective priorities for the set of applications running on the <u>plurality</u>
9	<u>of</u> systems.
1	45. (Previously Presented) The apparatus of claim 36 wherein
2	the identifying module comprises
3	an including module to include a selected system in the set of systems when the
4	selected system meets a prerequisite for the first application

- 5 - Serial No.: 10/609,363

1	46. (Previously Presented) The apparatus of claim 36 wherein
2	the identifying module comprises
3	an including module to include a selected system in the set of systems when the
4	first application does not exceed a limit for the selected system.

- 6 - Serial No.: 10/609,363